4: Powdermaker E-5 (1929-1930)1931 OM10 New Ireland OM10
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to about sixteen, and by young manhood and womanhood is meant the time between the end of youth and the early twenties. These, of course, are only generalizations.

Since the main object is to determine infant and childhood mortality rates, and survival rates at the time of reproduction, death rates are calculated only for the period up to marriage. The point is to find out how many people survive until the time when they can reproduce themselves. It must therefore be remembered that the total number of deaths is always the total number occurring before marriage. Moreover, in the genealogical method, where in one classification all the principals are dead, this is the only feasible procedure.

It is obvious that there will be a certain amount of error in any vital statistics collected among a people where there are no records of birth and death, but the importance of real and classificatory relatives, the rather formalized pattern of behavior between them, and the elaborate pregnancy, birth, and death rites, and interclan marriages, enables a Melanesian native to give a fairly accurate genealogy. It may be also that the very absence of written records throws a heavier burden upon the individual's memory, which he does not shirk. But it is obvious that no matter how good the memory of Melanesian informants, errors in these data must exist. They are, however, in the nature of the material and would probably exist in any study made on a similar primitive people. As far as possible, these errors are indicated in the description of the tables, which, it should be understood, denote general trends rather than exact statements. The genealogical method, while taking much more time than the census method, enables one to separate the subjects into age groups and presents a more comprehensive prospective over a longer period of time. But because of the great amount of detailed work and time involved in the use of this method, it is only practical for a small unit of people.

The nearest comparable figures are those of the recent government census taken in 1929 for a part of the east coast of New Ireland (from Kavieng to the village of Karu, approximately 147 miles beginning at the northern end of the island) and which includes over a larger area the people designated in this study as generations II, III, IV, but excludes those in generation I (the dead).[4] The results of the government

[4] Chinnery, E. W. P.—*Anthropological Report*, No. 6, Territory of New Guinea. In print.